

Abstract

A method for handling data packets in a network element, such as a gateway, said data packets belonging to a set of data packets. Data packets are captured ~~(300)~~, and captured data packets are processed ~~(302)~~. Captured data packets are accepted ~~(301)~~ for processing or declined ~~(301)~~ from processing based on said captured data packet and data packets captured prior to said data packet. When at least one captured data packet is processed, a modification command affecting at least said at least one captured data packet is determined ~~(304)~~, and a list of modification commands is maintained ~~(305)~~, said list enabling modification of captured data packets. Captured data packets are modified ~~(306)~~ based on said list of modification commands, and data packets are released ~~(308)~~. It is also possible to process ~~(302)~~ the captured data packets without determining modification commands, and release ~~(308)~~ the data packets without modifying them.

~~Fig. 3~~